

CLAIMS

We claim:

1. A process, comprising:
generating a document from an application;
generating a template and sets of changes to reduce an amount of data
representing the document;
compressing the template and sets of changes; and
packing the compressed template and sets of changes into a format understood by
a mobile computing tool.
2. The process of claim 1, further comprising:
transferring the compressed template and sets of changes to a mobile computing
tool.
3. The process of claim 1, wherein the template comprises a set of common
elements in the document and each set of changes represents unique elements for a
portion of the document.
4. The process of claim 1, further comprising:
reducing a color scheme of the generated template and sets of changes before
performing compression.
5. The process of claim 1, further comprising:
rebuilding the document using the template and the sets of changes.
6. A process for transmitting images, comprising:
partitioning a document into a set of images;
generating a master slide for the set of images, wherein the master slide comprises
common elements of each image in the set of images; and
generating a mask for each image in the set of images, wherein the mask
comprises data that is not included in the master slide.

7. The process of claim 6, further comprising:
compressing the converted master slide and each mask.
8. The process of claim 7, further comprising:
packaging the compressed master slide and each mask in a format that is understood by a mobile computing tool.
9. The process of claim 8, wherein the format is a mobile presentation format.
10. The process of claim 6, further comprising:
transmitting the compressed master slide and each mask to a mobile computing tool.
11. The process of claim 10, further comprising:
applying a first mask associated with a first image in the set to the master slide to build a first slide; and
applying each subsequent mask to each previously built slide to build the remaining slides in the set.
12. The process of claim 10, wherein converting further comprises:
applying each mask to the master slide to build new slides.
13. The process of claim 6, further comprising:
reducing a color scheme of the master slide and each mask using a color dithering technique.
14. The process of claim 6, further comprising:
generating a table of slides.
15. The process of claim 14, further comprising:
displaying the table to a user; and
in response to user input, reorganizing an order of the slides listed in the table.

16. The process of claim 6, further comprising generating the document via a print command.

17. The process of claim 16, wherein a new mobile presentation is created by appending a generated mobile presentation to an existing mobile presentation.

18. The process of claim 6, further comprising:
generating one or more master slides and a set of masks for each master slide.

19. The process of claim 6, wherein the document is generated from a presentation application.

20. A system, comprising:
a computer including a processor and a memory;
a program stored in the memory of the computer, wherein the program is executed by the processor of the computer and wherein execution of the program generates a template and sets of changes to represent a document, compresses the template and sets of changes, and packages the compressed template and sets of changes into a mobile presentation format.

21. The system of claim 20, further comprising:
a mobile computing tool coupled to the computer via a cradle; and
means for transferring the template and sets of changes from the computer to the mobile computing tool.

22. The system of claim 21, wherein the template comprises a set of common elements in the document and each set of changes represents unique elements for a portion of the document.

23. The system of claim 20, wherein reducing the amount of data further comprises:
means for generating one or more templates and associated sets of changes; and

means for reducing a color scheme of the generated templates and associated sets of changes.

24. The system of claim 20, further comprising:

means for rebuilding the document using the template and the sets of changes.

25. A system, comprising:

means for partitioning a document into a set of images;

means for generating a master slide for the set of images, wherein the master slide comprises common elements of each image in the set of images, and wherein each image may be from a different application; and

means for generating a mask for each image in the set, wherein the mask comprises data that is not included in the master slide.

26. The system of claim 25, further comprising:

means for compressing the converted master slide and each mask.

27. The system of claim 26, further comprising:

means for packaging the compressed master slide and each mask in a format that is understood by a mobile computing tool.

28. The system of claim 27, wherein the format is a mobile presentation format.

29. The system of claim 25, further comprising:

means for transmitting the compressed master slide and each mask to a mobile computing tool.

30. The system of claim 29, further comprising:

means for applying a first mask associated with a first image in the set to the master slide to build a first slide; and

means for applying each subsequent mask to each previously built slide to build the remaining slides in the set.

31. The system of claim 25, wherein converting further comprises:
means for applying each mask to the master slide to build new slides.
32. The system of claim 25, further comprising:
means for converting a color scheme of the master slide and each mask using a
color dithering technique.
33. The system of claim 25, further comprising:
means for generating a table of slides.
34. The system of claim 33, further comprising:
means for displaying the table to a user; and
means for, in response to user input, reorganizing an order of the slides listed in
the table.
35. The system of claim 25, further comprising:
means for generating the document via a print command.
36. The system of claim 35, further comprising:
means for appending a generated mobile presentation to an existing mobile
presentation.
37. The system of claim 25, further comprising:
means for generating one or more master slides and a set of masks for each master
slide.
38. The system of claim 25, wherein the document is generated from a
presentation application.
39. A computer-readable storage medium storing a computer program
executable by one or more computers, the computer program comprising computer
instructions for:

generating a document from an application;
generating a template and sets of changes to reduce an amount of data
representing the document;
compressing the template and sets of changes; and
packing the compressed template and sets of changes into a format understood by
a mobile computing tool.

40. The computer-readable storage medium of claim 39, wherein the computer
program further comprises computer instructions for:

transferring the compressed template and sets of changes to the mobile computing
tool.

41. The computer-readable storage medium of claim 39, wherein the template
comprises a set of common elements in the document and each set of changes represents
unique elements for a portion of the document.

42. The computer-readable storage medium of claim 39, wherein the computer
program further comprises computer instructions for:

reducing a color scheme of the generated template and set of changes before
performing compression.

43. The computer-readable storage medium of claim 39, wherein the computer
program further comprises computer instructions for:

rebuilding the document using the template and the sets of changes.

44. A computer readable storage medium encoded with software instructions
to perform the process of claim 6 when executed by a computer.

45. A signal embedded in a carrier medium and encoded with software
instructions to perform the process of claim 6 when executed by a computer.